

ABSTRACT

The present invention discloses an apparatus for authentication, prevention of forgery/alteration of data recorded by digital voice recorder (DVR) and method thereof. A forgery or alteration prevention unit is installed inside the digital voice recorder or inside the PC connected to the digital voice recorder. The forgery or alteration prevention unit goes through a process to prevent forgery/alteration before audio data is recorded by the digital voice recorder or before audio data is stored at the data storage unit inside the PC. This can be performed by embedding watermark into audio data, by encrypting audio data by a predetermined encryption key, or by inserting a hash value into the audio data. Accordingly, forgery/alteration of audio data recorded by digital voice recorder can be verified.